

communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

a repository electrically connected to the service broker, the repository comprising a computer memory encoded with a plurality of objects including at least one job;

a job server electrically connected to the service broker, the job server configured to execute said at least one job and to produce an output report; and

an event server electrically connected to the service broker, the event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

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2. (Amended Once) A computer system according to claim 1, wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job, wherein said at least one set of job properties define a set of input data to be provided to a job server when the corresponding job is executed; and wherein the job server is configured to process the set of input data with the job when the job is executed.

3. (Amended Once) A computer system according to claim 1, wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job, wherein said at least one set of job properties define a list of users to be notified when a corresponding job is executed; and wherein the job server is

configured to process said job properties and provide a notification to each user in the list of users when the job is executed.

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4. (Amended Once) A computer system according to claim 1, wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job, wherein said at least one set of job properties define an exception condition and a list of users subscribing to the exception condition, and wherein the job server is configured to compare the exception condition to the output report to determine the existence of an exception event, and to provide a notification to each user in the list of users subscribing to the exception condition when the exception event occurs.

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Please ~~cancel~~ claims 5 - 16 and ~~add~~ the following claims <sup>17</sup> 5- 53:

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<sup>17</sup>  
~~5~~: (New) A computer system according to claim 1, wherein said at least one job is a secure SQR job, and wherein the job server is configured to process a secure SQR job so as to generate a secure burst output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

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<sup>18</sup>  
~~6~~: (New) A computer system electrically connected to at least one back-end database, the computer system configured to communicate with at least one user through a network interface, wherein said at least one user communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

a repository electrically connected to the service broker, the repository comprising a computer memory encoded with a plurality of objects including at least one job including instructions to retrieve and process data from said at least one back-end database;

a job server electrically connected to the service broker and to said at least one back-end database, the job server configured to execute said at least one job; and

an event server electrically connected to the service broker, the event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

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(New) A computer system according to claim 6, wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein said job properties define a set of input data be provided to a corresponding job server when the job is executed; and wherein the job server is configured to process the set of input data with the job when the job is executed.

~~20.~~  
~~8.~~

(New) A computer system according to claim 6, wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein said job properties define a list of users to be notified when the job is executed; and wherein the job server is configured to process said job properties and provide a notification to each user in the list of users when the job is executed.

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21.

(New) A computer system according to claim 6, wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein said job properties define an exception condition and a list of users subscribing to the exception condition, and wherein the job server is configured to compare the exception condition to the output report to determine the existence of an exception event, and to provide a notification to each user in the list of users subscribing to the exception condition when the exception event occurs.

~~22.~~  
22.

(New) A computer system according to claim 6, wherein said at least one job is a secure SQR job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

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23.

(New) A computer system configured to communicate with at least one user through a network interface, wherein said at least one user communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

a repository electrically connected to the service broker, the repository comprising a computer memory encoded with a plurality of objects including at least one job and wherein the computer memory of the repository is further encoded with job properties corresponding to

said at least one job, the job properties defining an exception condition and a list of users subscribing to the exception condition;

a job server electrically connected to the service broker, the job server configured to execute said at least one job so as to produce an output report, wherein the job server is further configured to compare said exception condition to the output report to determine the existence of an event, and to provide a notification to each user in the list of users subscribing to the exception when the exception event occurs. The job server also configured to transmit the output report to the network interface for transmission to said at least one user.

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~~24.~~  
12. (New) A computer system according to claim 11, wherein the job properties further define an input form to be provided to a corresponding job server when the job is executed; and wherein the job server is configured to provide a corresponding input form to said at least one user; the job server also configured to process the input received form said at least one user with said at least one job.

~~25.~~  
13. (New) A computer system according to claim 11, wherein said at least one job is a secure SQR job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

~~26.~~  
14. (New) A computer system electrically connected to at least one back-end database, the computer system configured to communicate with at least one user through a

network interface, wherein said least one user communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

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a repository electrically connected to the service broker, the repository comprising a computer memory encoded with a plurality of objects including at least one job including instructions to retrieve and process data from said at least one back-end database, wherein the computer memory of the repository is further encoded with job properties corresponding to said at least one job, wherein the job properties define an exception condition and a list of users subscribing to the exception condition;

a job server electrically connected to the service broker and to at least one back-end database, the job server configured to execute said at least one job so as to retrieve data from said at least one back-end database and generate an output report; wherein the job server is configured to compare said exception condition to the output report to determine the existence of an exception event, and to provide a notification to each user in the list of users subscribing to the exception condition when the exception event occurs, the job server also configured to transmit the output report to the network interface for transmission to said at least one user.

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~~27.~~  
15. (New) A computer system according to claim 14, wherein the job properties further define an input form to be provided to a corresponding job server when the job is executed and wherein the job server is configured to provide corresponding input form to be said at least one user; the job server also configured to receive input from a user based upon the

input form; the job server also configured to process the input received from said at least one user with the data retrieved from said at least one back-end database so as to generate an output report.

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~~16.~~

(New) A computer system according to claim 14, wherein said at least one job is a secure SQR job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

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~~29.~~  
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(New) A computer system configured to communicate with at least one user through a network interface, wherein each of said at least one users communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

an authentication server electrically connected to the service broker, the authentication server configured to determine a level of access to be granted a user based upon data stored therein;

a repository electrically connected to the service broker, the repository comprising a computer memory encoded with a plurality of objects including at least one job, at least one output report corresponding to said at least one job, and at least one portal page corresponding to

said at least one user, wherein said at least one portal page includes a dynamically updated portal object corresponding to an output report;

a job server electrically connected to the service broker, the job server configured to execute said at least one job and to produce an output report corresponding to said at least one job; and

an event server electrically connected to the service broker, the event server comprising a computer memory encoded with instructions for dispatching a job for processing on a corresponding job server according to a predefined schedule.

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18.

(New) A computer system according to claim 17, wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job, wherein said at least one set of job properties includes a set of input data be provided to the job server when a corresponding job is executed; and wherein the job server is configured to process the set of input data when the corresponding job is executed.

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(New) A computer system according to claim 17, wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job, wherein said at least one set of job properties includes a list of users to be notified when the corresponding job is executed; and wherein the job server is configured to process said at least one set of job properties and provide a notification to each user in the list of users when the corresponding job is executed.

~~32.~~  
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(New) A computer system according to claim 19, wherein the notification is provided through e-mail.

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(New) A computer system according to claim 19, wherein the notification is provided by updating a dynamically updated portal object in a user's portal page.

~~34.~~  
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(New) A computer system according to claim 17, wherein the computer memory of the repository is further encoded with at least one set of job properties corresponding to said at least one job, wherein said at least one set of job properties include an exception condition and a list of users subscribing to the exception condition, and wherein the job server is configured to i) compare an exception condition to an output report to determine the existence of an exception event, and ii) provide a notification to each user in the list of users subscribing to the exception condition when a corresponding exception event occurs.

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~~35.~~  
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(New) A computer system according to claim 22, wherein the notification is provided through e-mail.

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(New) A computer system according to claim 22, wherein the notification is provided by updating an exceptions dashboard in a user's portal page.

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~~25.~~

(New) A computer system according to claim 17, wherein said at least one job is a secure SQR job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of the containers corresponding to one of said plurality of HTML pages, and wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

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(New) A computer system according to claim 25, wherein said at least one portal page further includes a portal object containing a link to the secure bursted output report.

~~31.~~  
27.

(New) A computer system configured to communicate with at least one user through a network interface, wherein each of said at least one users communicates with the network interface through a computer network, the computer system comprising:

a service broker electrically connected to the network interface, the service broker controlling a level of access to the computer system by a user;

an authentication server electrically connected to the service broker, the authentication server configured to determine a level of access to be granted a user based upon data stored therein;

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a repository electrically connected to the service broker, the repository comprising a computer memory encoded with a plurality of objects including at least one job, at least one output report corresponding to said at least one job, at least one set of job properties corresponding to said at least one job, and at least one portal page corresponding to said at least one user, and wherein said at least one set of job properties defines an input form to be provided to a job server when a corresponding job is executed, and wherein said at least one portal page includes a dynamically updated portal object corresponding to an output report;

a job server electrically connected to the service broker, the job server configured to execute said at least one job and to provide a corresponding input form to said at least one user, the job server also configured to receive input from said at least one user based upon the input form, the job server also configured to process the input received from said at least one

user with said at least one job to produce an output report, the job server also configured to transmit the output report to the network interface for transmission to said at least one user.

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(New) A computer system according to claim 27, wherein said at least one set of job properties further includes a list of users to be notified when a corresponding job is executed; and wherein the job server is configured to process said at least one set of job properties and provide a notification to each user in the list of users when a corresponding job is executed.

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(New) A computer system according to claim 28, wherein the notification is provided through e-mail.

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(New) A computer system according to claim 28, wherein the notification is provided by updating a dynamically updated portal object in a user's portal page.

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(New) A computer system according to claim 27, wherein said at least one set of job properties further includes an exception condition and a list of users subscribing to the exception condition, and wherein the job server is configured to i) compare an exception condition to a corresponding output report to determine the existence of an exception event, and ii) provide a notification to each user in the list of users subscribing to the exception condition when the exception event occurs.

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(New) A computer system according to claim 31, wherein the notification is provided through e-mail.

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~~33.~~ (New) A computer system according to claim 32, wherein the notification is provided by updating an exceptions dashboard in a user's portal page.

<sup>46.</sup>  
~~34.~~ (New) A computer system according to claim 27, wherein said at least one job is a secure SQR job, and wherein the job server is configured to process a secure SQR job so as to generate a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of the containers corresponding to one of said plurality of HTML pages, and wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page.

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~~35.~~ (New) A computer system according to claim 34, wherein said at least one portal page further includes a portal object containing a link to the secure bursted output report.

<sup>48.</sup>  
~~36.~~ (New) A method of processing a job in a computer system comprised of a service broker, a job server configured to execute a job and to process a set of input data corresponding to the job, a repository including computer memory encoded with a plurality of objects including at least one job and at least one set of job properties corresponding to said at least one job, wherein said set of job properties includes a set of input data to be provided to a job server when a corresponding job is executed, and wherein the computer system is configured for communication with at least one user through a network interface, the method comprising:

receiving a request to execute a job from a user connected to the computer system through a computer network;

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retrieving the requested job and a corresponding set of input data from the repository;

dispatching the requested job and the corresponding set of input data for processing on a corresponding job server;

processing the requested job with the corresponding set of input data in the job server so as to produce an output report; and

transmitting the output report to the user through the network interface.

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(New) A method according to claim 36, wherein said at least one set of job properties further includes a list of users to be notified when a corresponding job has been executed, the method further comprising:

processing said at least one set of job properties and providing a notification to each user in the list of users when a corresponding job is executed.

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(New) A method according to claim 36, wherein said at least one set of job properties further includes an exception condition and a list of users subscribing to the exception condition, the method further comprising:

comparing the output report to a corresponding exception condition to determine the existence of an exception event;

providing a notification to each user in the corresponding list of users when the exception event occurs.

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(New) A method according to claim 36, wherein said at least one job is a secure SQR job, the method further comprising:

receiving a set of user identification data from the user;

generating a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page;

for each of said plurality of containers in the secure bursted output report, performing the following steps i) and ii):

i) comparing the set of user identification data to the set of permissions for a corresponding HTML page to determine the ability of the user to view that page; and

ii) placing a view flag in the container if the user has permission to view the corresponding HTML page;

for each container in the secure bursted output report that contains a view flag, retrieving a corresponding HTML page;

assembling the retrieved HTML page(s) into an user-specific output report; and

transmitting the user-specific output report to the corresponding user.

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(New) A method according to claim 36, wherein the job server is connected to at least one back-end database, the method further comprising:

retrieving a set of data corresponding to the requested job from a back-end database; and

processing the requested job in the job server with the set of data retrieved from the back-end database and the corresponding set of input data so as to produce an output report.

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~~41.~~

(New) A method according to claim 40, wherein said at least one set of job properties further includes a list of users to be notified when a corresponding job has been executed, the method further comprising:

processing said at least one set of job properties and providing a notification to each user in the list of users when a corresponding job is executed.

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~~42.~~

(New) A method according to claim 40, wherein said at least one set of job properties further includes an exception condition and a list of users subscribing to the exception condition, the method further comprising:

comparing the output report to a corresponding exception condition to determine the existence of an exception event;

providing a notification to each user in the corresponding list of users when the exception event occurs.

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(New) A method according to claim 40, wherein said at least one job is a secure SQR job, the method further comprising:

receiving a set of user identification data from the user;

generating a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page;

for each of said plurality of containers in the secure bursted output report, performing the following steps i) and ii):

i) comparing the set of user identification data to the set of permissions for a corresponding HTML page to determine the ability of the user to view that page; and

ii) placing a view flag in the container if the user has permission to view the corresponding HTML page;

for each container in the secure bursted output report that contains a view flag, retrieving a corresponding HTML page;

assembling the retrieved HTML page(s) into an user-specific output report; and

transmitting the user-specific output report to the corresponding user.



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44.

(New) A method of processing a job in a computer system comprised of a service broker, a job server configured to execute a job and to process set of job properties corresponding to the job, and a repository including computer memory encoded with a plurality of objects including at least one job and at least one set of job properties corresponding to said at least one job, wherein said at least one set of job properties includes an exception condition an a list of users subscribing to the exception condition, and wherein the computer system configured for communication with at least one user through a network interface, the method comprising:

receiving a request to execute a job from a user connected to the computer system through a computer network;

retrieving the requested job and a corresponding set of job properties from the repository;

dispatching the requested job and the corresponding set of job properties for processing on a corresponding job server;

processing the requested job in the job server so as to produce an output report;

comparing the output report to a corresponding exception condition to determine the existence of an exception event;

providing a notification to each user in the corresponding list of users when the exception event occurs.

transmitting the output report to the user through the network interface.

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(New) A method according to claim 44, wherein said at least one set of job properties further includes an input form corresponding to said at least one job the method further comprising:

providing data corresponding to the input form to the other user;

receiving a set of input data from the user; and

the step of processing the requested job further including the step of processing the set of data received from the user.

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(New) A method according to claim 44, wherein said at least one job is a secure SQR job, the method further comprising:

receiving a set of user identification data from the user;

generating a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page;

for each of said plurality of containers in the secure bursted output report, performing the following steps i) and ii):

i) comparing the set of user identification data to the set of permissions for a corresponding HTML page to determine the ability of the user to view that page; and

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ii) placing a view flag in the container if the user has permission to view the corresponding HTML page;

for each container in the secure bursted output report that contains a view flag, retrieving a corresponding HTML page;

assembling the retrieved HTML page(s) into an user-specific output report; and

transmitting the user-specific output report to the corresponding user.

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~~47.~~

(New) A method according to claim 44, wherein the job server is connected to at least one back-end database, the method further comprising:

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retrieving a set of data corresponding to the requested job from a back-end database; and

processing the requested job in the job server with the set of data retrieved from the back-end database and the corresponding set of input data so as to produce an output report.

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(New) A method according to claim 47, wherein said at least one set of job properties further includes a list of users to be notified when a corresponding job has been executed, the method further comprising:

processing said at least one set of job properties and providing a notification to each user in the list of users when a corresponding job is executed.

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(New) A method according to claim 47, wherein said at least one set of job properties further includes an exception condition and a list of users subscribing to the exception condition, the method further comprising:

comparing the output report to a corresponding exception condition to determine the existence of an exception event;

providing a notification to each user in the corresponding list of users when the exception event occurs.

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(New) A method according to claim 47, wherein said at least one job is a secure SQR job, the method further comprising:

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receiving a set of user identification data from the user;

generating a secure bursted output report comprised of a master file and a plurality of HTML pages, wherein the master file includes a plurality of containers, each of which corresponds to one of said plurality of HTML pages, wherein each of said plurality of HTML pages includes a set of permissions defining the ability of said at least one user to view that page;

for each of said plurality of containers in the secure bursted output report, performing the following steps i) and ii):

i) comparing the set of user identification data to the set of permissions for a corresponding HTML page to determine the ability of the user to view that page; and